

Technical data sheet

ALBERDINGK® H 595

Characteristic:

ALBERDINGK® H 595 is an aqueous, finely dispersed, low viscous, acrylate-styrene copolymer dispersion, without Alkylphenoethoxylates (APEO).

Specification:

| | | | |
|----------------|------|-------------|--|
| Solids content | % | 29.0 - 31.0 | According to: ISO 3251 1.0 g weighed quantity at 105°C |
| pH- value | | 7.5 - 9.0 | ISO 976 |
| Viscosity | mPas | 20 - 35 | ISO 2555, Brookfield RVT Spindle 1/rpm 50/factor 2 |

Further typical data*:

| | | | |
|------------------------------|-------------------|-----------|------------------------------------|
| Density | g/cm ³ | 1.0 - 1.1 | According to: ISO 2811-1 |
| Partical size distribution | µm | ca. 0.03 | |
| Water absorption | % | ca. 20 | |
| Ultimate tensile strength | N/mm ² | ca. 9 | ISO 527-1 |
| Elongation at break | % | ca. 1500 | ISO 527-1 |
| Glass transition temperature | °C | ca. 6 | DSC, heating rate 20 K/min |
| MFFT | °C | ca. 0 | |

Applications:

ALBERDINGK® H 595 is especially suitable in use for solvent free deep priming on mineral substrates such as plaster, masonry, gypsum and others.

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Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months after delivery date. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly. The product is only preserved for the transport. For a longer storage time, we recommend to add additional preservative. A warranty for the sterility after storage can not be granted. ALBERDINGK BOLEY GmbH assures that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY GmbH. The product should be stirred well before use.

Packaging:

plastic drums (120 kg)
one-way container (approx. 1000 kg)
as bulk in tank cars, by agreement.

Safety:

For further information on product safety please refer to the current safety data sheet.

Notice:

* General information - the values can not be considered as part of the product specification.